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of operation of the cellular telephone using the air interface protocol when the remote circuitry is coupled to the cellular telephone.

34. (amended) The cellular telephone as in claim 33 wherein coupling the remote circuitry to the digital electronic circuitry increase a rate of transfer of data between the cellular telephone and the at least one remote base station via the communication link, whereby the digital electronic circuitry which is capable of communicating at a first transfer rate without the remote circuitry is enabled to communicate at a higher data rate with the remote circuitry coupled to the digital electronic circuitry.

#### REMARKS

In the Office Action mailed September 25, 2002, the Examiner rejected claims 1-4, 6, 8, 10-12 and 14-17 under 35 USC Section 102(b) as being anticipated by Patel. Claims 24 and 28 were rejected under 35 USC Section 102(b) as being anticipated by Hanson. Claims 30, 33 35, and 36 were rejected under 35 USC Section 102(b) as being anticipated by Lee. Claims 5, 9, 10, 13, 18, 20, 22, and 23 were rejected under 35 USC Section 103 as being unpatentable over Patel. Claims 7, 19 and 21 were rejected under 35 USC Section 103 as being unpatentable over Patel in view of Lee. Claims 25 and 26 were rejected under 35 USC Section 103 as being unpatentable over Hanson. Claim 27 was rejected under 35 USC Section 103 as being unpatentable over Hansan in view of Lee. Claim 29 was rejected under 35 USC Section 103 as being unpatentable over Hansan in view of Liukkonen. Claims 31 and 32 were rejected as being unpatentable over Lee. Claim 34 was rejected under 35 USC Section 103 as being unpatentable over Lee in view of Patel. The Examiner's rejections are respectfully traversed in view of the following comments, and reconsideration of the claims is requested.

Patel discloses a modem capable of operating at a first rate or a second rate. However, the modem operates at the first and second rate depending upon

the communication link. It does not improve the performance of a device that communicates at a first data rate without the apparatus connected to enable communication at a second, higher data rate with the apparatus coupled.

Hanson discloses a system which adds a communication capability. It does not enhance the air interface capability to improve the performance of an existing link.

The Lee and Luikkonen references similarly fail to teach apparatus that enhance the air interface capability of a communication device as defined in the claims.

According to one aspect of the present invention an apparatus enables the communication device to perform at a higher data rate when the apparatus is connected to the communication device. According to another aspect of the invention, enhanced performance capability is enabled in the altered mode of operation of a cellular telephone using the air interface protocol when the remote circuitry is coupled to the cellular telephone communication device. According to another aspect of the invention, a communication device which communicates data at the first data rate over an air interface independently of the remote power source, is capable of communicating at a higher data rate only while the cradle and the remote power source are coupled. The prior art fails to show or suggest the claimed invention, and thus neither anticipates nor renders the claimed invention unpatentable.

Accordingly, it is respectfully submitted that the claims are in condition for allowance. A Notice of Allowance is solicited.

Respectfully Submitted

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CLAIMS WITH DELETIONS AND INSERTIONS

1.(amended) An apparatus for providing additional processing power to a portable, wireless, communication device communicating over a wireless link at a first data rate when the apparatus is not connected, the apparatus comprising:

a housing detachably connectable to the portable, wireless, communication device; and

digital circuitry carried by the housing and operable to assist electronic components of the portable, wireless, communication device in processing digital information to increase a data rate of a wireless communication link whereby the apparatus enables the communication device to perform at a second higher data rate when the apparatus is connected to the communication device.

14.(amended) An apparatus for a cellular telephone communicating data at a first data rate, the apparatus comprising:

a digital circuitry adapted to provide additional digital processing capability to the cellular telephone for increasing a maximum possible data rate of a cellular communication link; and

an interconnect adapted to detachably couple the digital circuitry to the cellular telephone and to assist in transferring information between the cellular telephone and the digital circuitry, whereby the cellular telephone which is capable of communicating at the first data rate over a wireless link when the apparatus is not connected is enhanced by the digital circuitry to communicate data at a rate higher than the first data rate when the apparatus is coupled to the communication device.

16.(amended) The apparatus as in claim [15] 14 wherein the digital circuitry comprises any of a microprocessor, a digital signal processor (DSP), and a micro-controller.

24.(amended) A cradle for a portable, wireless, communication device capable of communicating data at a first data rate, the cradle comprising:

digital processing circuitry for enhancing the portable, wireless, communication device's ability to process information at a higher data rate; and  
an interconnect for transferring the information between the cradle and the portable, wireless, communication device whereby the portable, wireless communication device, which communicates data at the first data rate over the air interface, is capable of communicating at a second higher data rate only while the cradle and the portable, wireless, communication device are coupled.

30.(amended) A cellular telephone comprising:

a battery detachably connectable to the cellular telephone to supply the cellular telephone with power; and

a remote power source detachably connectable to the cellular telephone, wherein the cellular telephone is adapted to sense when the remote power source is coupled to the cellular telephone, the cellular telephone to alter a cellular telephone capability responsive to sensing the remote power source coupled to the cellular telephone, whereby the portable, wireless communication device, which communicates data at the first data rate over an air interface independently of the remote power source, is capable of communicating at a higher data rate only while the cradle and the remote power source are coupled.

33.(amended) A cellular telephone operational to communicate with at least one remote base station via a communication link, the cellular telephone comprising:

a cellular telephone housing;

digital electronic circuitry carried by the cellular telephone housing for processing signals transmitted between the cellular telephone and the at least one remote base station via the communication link using an air interface protocol; and

remote circuitry detachably coupled to the digital electronic circuitry to alter a mode of operation of the cellular telephone,

wherein when the remote circuitry is coupled to the digital electronic circuitry, the cellular telephone provides an indication to the at least one remote base station of an [alteration] enhanced performance capability enabled in the altered mode of operation of the cellular telephone using the air interface protocol when the remote circuitry is coupled to the cellular telephone.

34. (amended) The cellular telephone as in claim 33 wherein coupling the remote circuitry to the digital electronic circuitry increase a rate of transfer of data between the cellular telephone and the at least one remote base station via the communication link, whereby the digital electronic circuitry which is capable of communicating at a first transfer rate without the remote circuitry is enabled to communicate at a higher data rate with the remote circuitry coupled to the digital electronic circuitry.